SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: March 13.

Sewerage

Matewan, N. J.

Sealed bids or proposals for the construction of Sewers and Sewage Disposal Works will be received by the Mayor and Council at the Truck House Building, Jackson Street, Matewan, New Jersey, on the thirteenth day of March, 1923, at eight o'clock in the evening.

The work mainly consists of about 6½ miles of 6 inch to 12 inch vitrified pipe sewers and an Imhoff Tank.

For any information, or explanation that may be desired regarding drawings and specifications, bidders shall apply to George A. Johnson Company, Inc., Consulting Engineers, 150 Nassau Street, New York. Drawings and specifications may be obtained from George A. Johnson Company at the price of $15, which will not be refunded.

Each bid must be accompanied in a separate envelope by a certified check in the amount of seven thousand dollars ($7,000) for schedule number one, three thousand dollars ($3,000) for schedule number two, and a bond guaranteeing that if the proposal of the bidder is accepted and the contract awarded to him or them, the said bidder will enter into the said contract and execute the necessary instruments therefor, and upon the execution of said contract the said Surety Company will become surety on said bond guaranteeing the performance of the same.

The Borough reserves the right to accept any bids or to reject any or all bids.

WILLIAM H. SUTPHIN,
Mayor.

Bids: March 20.

Park Slope and Fort Hamilton Conduits

CONTRACT 197

New York, N. Y.

SEALED BIDS will be received by the Board of Water Supply, at its offices, twenty-second floor, Municipal Building, Park Row, Center and Chambers Streets, New York City, until 11 A.M., Eastern Standard time, on Tuesday, March 20, 1923, for Contract 197, for the construction of the Park Slope and Fort Hamilton conduits, portions of the City conduits of the Catskill aqueduct, extending from Shaft 23 of the City tunnel at Schermerhorn street and Third avenue along Third avenue, Dean street, Fourth avenue, Douglass street, St. Johns place, Eighth, Prospect, Tenth and Gravesend Avenue, Fort Hamilton parkway and 86th street to Shore road and along Shore road to 79th street, in the Borough of Brooklyn, New York City.

The conduits will consist of about 39,290 linear feet of 72-inch and 2,140 linear feet of 66-inch steel pipe, about 310 tons of cast-iron pipe and special castings of various sizes, a Venturi meter, valves and other appurtenances, all of which will have to be maintained for one year.

At the above place and time the bids will be publicly opened and read. Pamphlets containing information for bidders, forms of bid and contract, specifications, contract drawings, etc., can be obtained at the office of the Secretary at the above address, by depositing the sum of ten dollars ($10) in cash or its equivalent for each pamphlet. For further particulars apply to the office of the Chief Engineer at the above address.

GEORGE J. GILIESPIE,
President,
JAMES P. SINNOTT,
PHILIP F. DONOHUE,
Commissioners, Board of Water Supply.
BENJ. F. EINBIGLER,
Secretary.

OFFICIAL PROPOSALS

Bids: Mar. 6.

State Road Work

Charleston, W. Va.

Sealed proposals will be received by the State Road Commission of West Virginia at its offices in Charleston, W. Va., until 10 o'clock a.m., on the 6th day of March, 1923, and opened and read immediately thereafter, at the Kanawha County Court House, Charleston, W. Va., for the construction of the following bridges, sections of state road and surface treatment:

Project 116—Kanawha County—Witcher Overhead Crossing No. 835—over New York Central Lines. Concrete structure, including encased steel girder over tracks. Total length 440 ft. Certified check $2,000.

Project 3039-3177—Fayette County—3.9 miles of the Gauley Bridge toward Ansted Road for grading, draining and paving with bituminous macadam. Certified check $4,000.

Project 3151-B—Boone County—4.1 miles of the Low Gap-Madison Road for grading and draining. Certified check $2,500.

Project 3041—Greenbrier County—3.1 miles of the Crawley-Clintonville Road for paving with bituminous macadam. Certified check $3,000.

Project 3180—Nicholas County—3.8 miles of the Drennen to Project 96 Road for grading and draining. Certified check $2,000.

Project 3170-B—Clay County—4 miles of the Head of Dulls Creek to Kanawha County line road for grading and draining. Certified check $2,500.

Project 121—Mercer County—16 miles of the Spanishburg-Flat Top Road for grading and draining. Certified check $11,000.

Project 3201—Lincoln County—7 miles of the Hamlin-Griffithsville Road for grading, draining and paving with bituminous macadam. Certified check for $6,000.

Project 3068—Ritchie County—9 miles of the Cairo-Harrisville Road for grading, draining and paving with cement concrete, rock asphalt, bituminous concrete or warrenite bitulithic. Certified check $10,000.

Project 3241—Ohio County—1.0 mile of the National Pike from Glenwood to Altenheim Hill. Reconstruction for paving with brick, sheet asphalt or warrenite bitulithic on concrete base. Certified check for $3,500.

Project 3132-A—Jackson County—2.5 miles of the Ravenswood-Sandyville Road for grading, draining and gravel surfacing. Certified check $2,000.

(Adjoining section 2.25 miles to be let by the Jackson County Court.)

Project 3227—0.6 miles and 3084-A—3.0 miles Wood County—Mineral Wells to Elizabeth Road for grading, draining and paving with concrete. Certified check $3,500.

(See note below.)

Project 3084-B—4.0 miles Wood County and Project 66—4.5 miles Wirt County—Mineral Wells to Elizabeth Road for grading, draining and paving with concrete. Certified check $8,500.

(See note below.)

Project 3038—2.1 miles and Project 3009-A—1.2 miles—Wirt County—Mineral Wells to Elizabeth Road, for grading, draining and paving with concrete. Certified check $3,500.

(Note: Bids will also be received for Projects 3227 and 3084-A; 3084-B and 66; 3038 and 3009-A combined, aggregating 15.4 miles for grading, draining and paving with concrete. Certified check $15,500.)

Project 3240—Roane County—3 miles of the Walton-Kanawha County Line Road, for paving with concrete. Certified check for $3,000.

Project 3081—Wetzel County—3 miles of the New Martinsville-Wileyville Road for gravel surfacing. Certified check for $1,200.

OFFICIAL PROPOSALS

Projects 58-A and B—3092-3080—103-A and B—Tyler-Pleasants County—11.8 miles of the Sistersville-Grape Island Road for grading, draining and gravel surfacing. Certified check for $6,000.

Project 3100 — Gilmer County — Linn Bridge No. 848 over Leading Creek, 100 ft. steel through truss Ashlar Masonry substructure. Separate proposals will be received on substructure. Certified check for $500, and superstructure certified check for $500.

Project 125—Taylor County—Northwestern Turnpike, between Pruntytown-Harrison County Line 4.53 miles, grading, draining and paving with concrete. Certified check $9,000.

Project 3204—Harrison County—Northwestern Turnpike, Salem-Doddridge County Line, 1.54 miles for grading, draining and paving with concrete. Certified check $2,000.

Project 3199—Webster County—McGuire Gap to Webster Springs, 2.23 miles for grading and draining. Certified check $1,500.

Project 126—Preston County—Northwestern Turnpike, from Aurora to the Maryland State Line, 4 miles for grading and draining. Certified check $2,500.

Project 3159—Lewis County—6.56 miles of the Staunton and Parkersburg Pike between Weston and the Upshur County Line for grading, draining and paving with concrete. Certified check for $10,000.

Project 3146—Grant County—9 miles Petersburg toward Maysville Road for grading and draining. Certified check $3,500.

Project 3149—Tannery Bridge No. 831—Grant County over Lunice Creek 130 ft. steel through truss concrete substructure. Separate proposals will be received for substructure. Certified check $500 and superstructure certified check for $500.

Project 3010—Mineral County—10.5 miles Northwestern Turnpike from New Creek to Hampshire County Line for paving with waterbound macadam. Certified check $6,000.

Project 3011-B—Hampshire County—5 miles of the Mineral County Line—Mechanicsburg Gap Road for paving with waterbound macadam. Certified check for $3,000.

Projects 2039, 2040, 2041, 2042, 2043, 2044 and 3060—Mercer County—32 miles cleaning and tar cold surface application, including furnishing and applying stone chips. Certified check $500.

Project 87—Mason County—4.5 miles cleaning and tar cold surface application, including furnishing and applying stone chips. Certified check $500.

Proposals will be received only upon State Standard forms, in accordance with plans, specifications and estimates of quantities therefor, which standard forms, plans, specifications and estimates of quantities may be obtained from the Division Engineer in whose territory the proposed construction work is located or from the office of the State Road Commission at Charleston, W. Va.

Each proposal must be accompanied by a certified check in the amount above specified.

The right is reserved to reject any and all proposals.

THE STATE ROAD COMMISSION OF WEST VIRGINIA.

Compensation Insurance

Some contractors "give" this insurance to a friend, either personal or political. How many, we wonder, "engage" the services of a specialist to advise them right in the intricate problems that arise in this business.

Alfred S. Hamilton
110 William St., New York

OFFICIAL PROPOSALS

Bids: Mar. 2.

Sewer
No. 100

Milwaukee, Wis.

Sealed proposals for the construction of extensions to the intercepting sewer system of the City of Milwaukee, Wis., will be received by the Sewerage Commission of the said City at its office, 508 Market Street, Milwaukee, Wisconsin, until 1:30 p.m., the 2nd day of March, 1923, at which time and place during the session of the said Commission, the proposals will be publicly opened and read.

The work to be done embraces the building of the following work:

4,220 lineal feet of 42" concrete sewer.

Together with all manholes and other appurtenances.

The time allowed for the completion of this contract shall be six (6) months from the date of the Engineer's notice to begin work.

The liquidated damages for not completing the work within the time above stated shall, for each day in excess thereof, be Twenty-five ($25.00) Dollars.

Each proposal submitted must be accompanied by a cash deposit of, or, in lieu thereof, by a certified check drawn upon a National or State Bank or Trust Company, and to the order of the "Sewerage Commission of the City of Milwaukee" to the amount of Two Thousand ($2,000.00) Dollars.

Specifications and blank forms of proposals can be obtained and detailed plans examined at the office of the Sewerage Commission, 508 Market Street, and a full set of plans will be sent to any contractor upon receipt of five (5) dollars. This sum will be returned upon surrender of the plans in good condition within thirty (30) days after award of the contract.

The Sewerage Commission of the City of Milwaukee reserves the right to reject any and all bids submitted.

Published by authority of the Sewerage Commission of the City of Milwaukee.

JOHN H. FOWLES,
Secretary.

Countersigned:
LOUIS M. KOTECKI,
Comptroller.

Bids: Mar. 14.

High School Building

Buffalo, N. Y.

Pursuant to Subdivision 8 of Section 875 of the Education Law, sealed proposals for furnishing the labor and material required in the construction of the Lewis J. Bennett High School, 2885 Main Street, City of Buffalo, New York, are invited and will be received by the Board of Education at its office, No. 1401 Telephone Building, Buffalo, New York, until 2.00 p.m., on March 14, 1923, at which time said proposals will be publicly opened and read.

Instructions to bidders and other information, together with plans and specifications of the building, may be procured from the office of the Associated Buffalo Architects, Inc., Room No. 40 Delaware Court Building, No. 232 Delaware Avenue, Buffalo, New York, on and after February 14, 1923.

A deposit of fifty dollars ($50.00) will be required on each set of plans taken from the office of the Architects, which sum will be paid upon return of said documents intact and in good condition to the Architects not later than April 15, 1923.

To be entitled to consideration, the proposals must be made upon the forms provided by the Architects, which must be fully completed and must be delivered to the Board of Education not later than 2:00 p.m. of the date prescribed for the opening of proposals on the building.

All bids must be without conditions inserted by the bidder or limitations by letter or otherwise.

Security to accompany bid must be furnished by all bidders as provided in instruction to bidders and in bid form.

The Board of Education reserves the right to reject any or all bids.

Dated February 14, 1923.

BOARD OF EDUCATION.
JAMES STORER,
Secretary.

OFFICIAL PROPOSALS

Bids: March 20.

Steel and Concrete Bridge Work
SOUTH END BRIDGE

Manchester, N. H.

Sealed bids for the construction of the South End Bridge over the Merrimac River and the Boston and Maine Railroad in the City of Manchester, N. H., including the approaches, will be received by the Surveyor of the Department of Highways of said City at his office in City Hall until 2 o'clock p.m. on Tuesday, March 20, 1923, at which time and place the bids will be publicly opened and read aloud.

The work will extend from Second Street on the west to the junction of Byron and McElwain Streets on the east, a distance of about 2,100 feet, and consists of the following:

An approach about 400 feet long on the west.

A viaduct on the west about 350 feet long with seven reinforced concrete spans.

A river bridge over the Merrimac River about 460 feet long with three steel deck truss spans carrying a reinforced concrete deck.

A viaduct on the east about 370 feet long with six reinforced concrete spans and one steel span encased in concrete.

An approach about 500 feet long on the east.

The roadway pavement will be of bituminous macadam.

Each bid must be accompanied by a properly certified check for Fifty Thousand (50,000) Dollars. A bond in the sum of Five Hundred Thousand (500,000) Dollars of an approved surety company will be required for the faithful performance of the contract.

A more complete description of the work to be done is given in Notice to Bidders, Forms of Bid, Contract, Bond, the Specifications and the Contract Drawings accompanying the same.

Copies of the foregoing may be inspected at the office of the Commissioners, Department of Highways, Manchester, N. H., and may be obtained from the engineers, Fay, Spofford & Thorndike, 200 Devonshire Street, Boston, Mass., by payment of a twenty-five (25) dollar deposit.

Receipt of bids will be subject to the conditions stated in said Notice to Bidders.

The right is reserved to reject any or all bids.

E. R. CONANT,
Surveyor of the Department of Highways.
JOHN H. GLEASON,
JOSEPH QUIRIN,
L. J. FARRELL,
Commissioners, Department of Highways for the City of Manchester, N. H.
Fay, Spofford & Thorndike, Engineers,
200 Devonshire Street,
Boston, Massachusetts.
February 19, 1923.

Bids: March 6th.

Road Work

Norwalk, Conn.

Sealed bids will be received by the Mayor and City Council of Norwalk, Conn., at the Mayor's Office, City Hall, South Norwalk, Conn., at 7 p.m., March 6th, 1923, for constructing a road leading to the new park, now known as Calf Pasture Beach.

This work consists of about 23,000 yards of earth and gravel excavation and 200 yards of rock excavation from the roadway site, and about 4,000 yards of excavation from gravel barrow pit, all to be used for fill in the new road. The road is to be a boulevard 100 ft. wide and a crossroad of 75 ft. wide. There are about 13,000 sq.yds. of gravel road surface.

Plans and specifications may be secured from the City Engineer, South Norwalk, Conn., upon the payment of Ten ($10.00) Dollars, which sum will be refunded when the plans are returned in good condition to the City Engineer.

CALVIN L. BARTON,
Mayor.

OFFICIAL PROPOSALS

Bids: March 9.

Sewerage System Extensions

Milwaukee, Wis.

Sealed proposals for the construction of extensions to the intercepting sewer system of the City of Milwaukee, Wisconsin, will be received by the Sewerage Commission of the said City at its offices, 508 Market Street, Milwaukee, Wisconsin, until 1:30 p.m., the 9th day of March, 1923, at which time and place during the session of the said Commission, the proposals will be publicly opened and read.

The work to be done embraces the building of the following work:

8,475 Lineal feet 84" concrete sewer.
400 Lineal feet 72" concrete sewer.
687 Lineal feet 54" concrete sewer.
653 Lineal feet 18" concrete sewer.

Together with all manholes and other appurtenances.

The time allowed for the completion of this contract shall be twelve (12) months from the date of the Engineer's notice to begin work.

The liquidated damages for not completing the work within the time above stated, shall, for each day in excess thereof, be Twenty-five ($25.00) Dollars.

Each proposal submitted must be accompanied by a cash deposit of, or, in lieu thereof, by a certified check drawn upon a National or State Bank or Trust Company, and to the order of the "Sewerage Commission of the City of Milwaukee" to the amount of Five Thousand ($5,000.00) Dollars.

All cash deposits or certified checks deposited by bidders to whom the contract is not awarded will be returned upon application to the Secretary of the Sewerage Commission after the contract has been awarded, or after the rejection of all bids. The cash deposit or certified check which has been deposited by the successful bidder will be returned to him as soon as the contract is properly executed and approved by the City Attorney and by the Sewerage Commission.

Specifications and blank forms of proposals can be obtained and detailed plans examined at the office of the Sewerage Commission, 508 Market Street, and a full set of plans will be sent to any contractor upon receipt of five dollars ($5.00). This sum shall be returned upon surrender of the plans in good condition within thirty (30) days after award of the contract.

The Sewerage Commission of the City of Milwaukee reserves the right to reject any and all bids submitted.

Published by authority of the Sewerage Commission of the City of Milwaukee.

JOHN H. FOWLES,
Secretary.

Countersigned:
LOUIS M. KOTECKI,
Comptroller.

Bids: March 22.

Dragline

Fond du Lac, Wis.

Sealed bids will be received at the office of the City Clerk up to three o'clock p.m., March 22nd, 1923, for furnishing one One Cubic Yard or Three-Quarters Cubic Yard Caterpillar Mounted Dragline for the City of Fond du Lac, Wisconsin, according to the plans and specifications on file in the City Clerk's office.

A certified check in the sum of 10% of the amount of the bid must accompany the proposal.

PARK BOARD.
A. M. HUNTER, Secretary.
Dated February 21, 1923.

Practical experience intelligently applied—That' the result getter. Swart service really serves.

HARMON V. SWART
Contract Bonds
Compensation Insurance
92 William St., New York

CONTRACT BONDS FOR RESPONSIBLE CONTRACTORS
Aetna bonds are often issued as a direct result of expert engineering advice.
ÆTNA CASUALTY AND SURETY COMPANY
HARTFORD, CONN. AGENTS EVERYWHERE

OFFICIAL PROPOSALS

Bids: Mar. 7.

Additions to Montebello Filters

Baltimore, Md.

Sealed proposals, in duplicate, endorsed, "Bids for Additions to Montebello Filters, Contract No. 63, Water Department," addressed to the Board of Awards of Baltimore City, will be received at the office of the City Register, City Hall, Baltimore, Md., until 11 A.M., Wednesday, March 7th, 1823, at which time they will be publicly opened and read.

Plans and specifications may be obtained at the office of the Water Engineer, Room 204, City Hall, Baltimore, Md., on or after February 17th, 1923. A charge of twenty-five (25) dollars will be made for each set of plans and specifications; this amount will be refunded upon the return of these plans and specifications before March 14th, 1923, in good condition. Specifications used in making a bid will be considered as returned. Blueprints will be furnished to prospective bidders only upon written request, at 25 cents each, which amount will not be refunded.

A certified check of the bidder on a clearing house bank, made payable to the Mayor and City Council of Baltimore, for the sum of thirty-five (35) thousand dollars, will be required with each bid.

The principal items are approximately as follows:

Excavation, 365,000 cu.yds.
Rolled embankment, 74,000 cu.yds.
Concrete, 45,400 cu.yds.
Steel reinforcement, 3,760,000 pounds.
Setting cast iron pipe, valves and sluice gate, 800 tons.

The successful bidder will be required to give bond equal in amount to the value of the contract to comply with the city charter respecting contracts.

The Board of Awards reserves the right to reject any or all bids.

Approved: WM. A. MEGRAW,
Water Engineer.

Bids: March 5.

Annual Supplies

Hamilton, Ont.

Sealed tenders will be received by the undersigned addressed to Thos. W. Jutten, Esq., Mayor, Chairman Board of Control, City Hall, Hamilton, Ont., up to 12 o'clock noon, Monday, March 5th, 1923, for supplying the Corporation of the City of Hamilton with the following:

Broken Stone and Screenings, Asphalt Cement, Limestone Dust, Asphalt Sand, Sand and Gravel, Creosoted Wooden Blocks, Sewer Pipe, Iron Castings (ordinary), Cast Iron Pipe and Special Castings, Valves, Extension Boxes, Fuel Oil, Road Oil, Concrete and Garbage Duck Covers, Waterproof Clothing, Bass Brooms, Sectional Sweepers, Brass Work, including ordinary and special brass and bronze castings for water department, special Iron Hydrant Castings and Bronze and Manganese Castings for same.

Tenders to be on forms supplied and plainly marked on the outside—"Tender for Asphalt Sand" or as the case may be.

Specifications and forms of tender for the above can be obtained at the office of the Purchasing Agent, City Hall, Hamilton, Ont.

The lowest or any tender not necessarily accepted.

S. H. KENT,
City Clerk.

Hamilton, February 15th, 1923.

Bids: March 15.

Engine, Generator and Switchboard

Oxford, Miss.

Sealed proposals will be received by the Board of Mayor and Aldermen of the City of Oxford, Mississippi, until noon, Central Standard Time, Thursday, March 15th, for engine, generator and switchboard equipment for the Municipal Water and Light Plant. Proposals will be considered for either oil engine or steam engine equipment. The right to reject any or all bids is retained.

For further information and specifications apply to R. J. FARLEY, Mayor, or T. M. EARLY, Superintendent Water and Light Plant.

OFFICIAL PROPOSALS

Bids: Feb. 28.

Lock and Dam Construction of the Illinois Waterway Contract No. 2

Chicago, Ill.

1. Sealed proposals for the construction of STARVED ROCK LOCK AND DAM, located in the Illinois River, two miles above Utica, and seven miles below Ottawa, La Salle County, Illinois, will be received at the office of the Director of the Department of Public Works and Buildings, Division of Waterways, Room 122, State House, Springfield, Illinois, until Ten (10) o'clock A.M., Central Standard Time of the 28th day of February, 1923, and then publicly opened and read.

2. Copies of the plans, specifications, proposal blank, form of bond, and contract may be obtained by prospective bidders at the Office of the Department, Room 1404, 25 East Jackson Boulevard, Chicago, Illinois, upon depositing a check for Ten Dollars ($10.00), made payable to the Director of the Department of Public Works and Buildings, which sum will be returned within ten (10) days after the contract has been awarded, if the plans are returned in good condition within that time.

3. Each proposal shall be accompanied by a certified check or draft drawn on some responsible bank doing business in the City of Chicago, and made payable to the order of the Director of the Department of Public Works and Buildings, for five (5) per cent of the amount of the proposal. In lieu of a certified check or draft, the proposal may be accompanied by a bond executed in the form prescribed by the Department of Public Works and Buildings and with a surety company approved by the Department in the penal sum of ten (10) per cent of the amount of the proposal.

4. The Department of Public Works and Buildings reserves the right to reject any or all bids. The contract, if let, will be awarded to the lowest responsible bidder.

C. R. MILLER,
Director, Department of Public Works and Buildings.

WILLIAM L. SACKETT,
Superintendent of Waterways.

M. G. BARNES,
Chief Engineer,
Division of Waterways.

Bids: March 6.

Bituminous Road Materials and Calcium Chloride

Lansing, Mich.

Notice to Manufacturers and Distributors of Bituminous Materials and Calcium Chloride:

Sealed proposals will be received at the office of Frank F. Rogers, State Highway Commissioner, Lansing, Michigan, until 10 o'clock a.m., Central Standard Time, Tuesday, March 6, 1923, for furnishing to counties approximately:

1,549,300 gallons of Surface Treatment Material.
82,500 gallons of Cold Patch Material.
126,500 gallons of Joint Filler Material.
274,000 gallons of Bituminous Macadam (Penetration) Material.
174,000 gallons of Light Oil for Dust Palliative.
4,540 tons of Calcium Chloride.

in approximate quantities stated, in accordance with provisions of specifications and instructions to bidders.

Specifications, instructions to bidders and proposal blanks may be obtained at the office of the State Highway Department, Lansing, Michigan.

A certified check in the sum of five (5) per cent of amount of bid, made payable to Frank F. Rogers, State Highway Commissioner, must accompany each proposal.

The right is reserved to reject any or all proposals.

FRANK F. ROGERS,
State Highway Commissioner.

Lansing, Michigan.
February 19, 1923.

Hauling Contracts Wanted

Road work, Material Handling, etc. Have several fleets of trucks ready for service anywhere. No job too large. Special equipment for any kind of dump truck hauling or unloading. Unlimited references. Glad to estimate.

HAMBRIDGE CONTRACTING CO.
68th and Greenway Ave., Philadelphia, Pa.

OFFICIAL PROPOSALS

Bids: Mar. 2.

$160,000 Street Improvement Bonds

Lincolnton, N. C.

Sealed proposals will be received by the Board of Aldermen of the Town of Lincolnton, North Carolina, until 2nd day of March, 1923, at 8 o'clock p.m., when they will be publicly opened for the purchase of one-hundred and sixty thousand dollars street and sidewalk improvement bonds; said bonds will mature, serially. Eight bonds on March 1st, in each of the years 1925 to 1939, inclusive; Ten bonds on March 1st in each of the years 1940 to 1943, inclusive.

All bonds dated March 1st, 1923; denominations $1,000.00; principal and semi-annual interest payable in New York or such other place as may be agreed upon by the purchaser and the Board of Aldermen; coupon bonds with privilege of registration as to principal alone; bidder will name rate of interest not exceeding six per cent. Interest payable semi-annually on September 1st and March 1st in each year.

These bonds are direct and general obligations of the Town of Lincolnton, issued under and pursuant to the Municipal Finance Act, and and unlimited tax for the payment of principal and interest has been authorized by law and ordinance.

All bids must be on blank forms which will be furnished by the undersigned and must be enclosed in sealed envelope marked "Proposal for Bonds" and addressed to Dr. J. R. Gamble, Mayor, and must be accompanied by certified check or cash drawn to the order of J. O. Allen, Town Treasurer, upon an incorporated Bank or Trust company for two per centum of the face amount of bonds bid for to secure the Town against any loss resulting from the failure of the bidder to comply with the terms of his bid. Purchaser must pay accrued interest from the date of the bonds to the date of the delivery. The bonds cannot be sold at less than par and accrued interest. Purchaser to pay for lithographing and printing of bonds, likewise to furnish legal opinion at his own expense. Bonds will be delivered to the purchaser, at such place as the purchaser may designate, at purchaser's expense, including New York exchange, and must then be paid for in New York funds.

The right is reserved to reject any and all bids.

By order of the Board of Aldermen, Town of Lincolnton, North Carolina, this the 6th day of February, 1923.

Signed R. H. DELLINGER,
Clerk Board of Aldermen,
Town of Lincolnton, N. C.

U. S. GOVERNMENT

SEALED PROPOSALS for furnishing and erecting 6 direct fired heaters for heating hangars at Mitchel Field, L. I., N. Y., will be received and publicly opened at 11 a.m., Feb. 28, 1923, at Constructing Quartermaster's Office, Room 510, 39 Whitehall Street, New York City, N. Y. Information at above address.

SEALED PROPOSALS for constructing, delivering and erecting water tank and tower. Office, District Engineer, Mississippi River Dredging District, Post Office Box 1017, Memphis, Tenn. Sealed proposals for constructing, delivering and erecting one Water Tank and Tower at U. S. Dredge Depot, will be received here until 9:30 a.m., March 22, 1923, and then opened. Further information on application.

ATTENTION CONTRACTORS

Sublet wanted on Sewers, Water Lines and Drainages. We have complete equipment for this class of work. Our equipment consists of two Trenching Machines, Backfiller Team and Truck, 5½ tons and Dragline specifications of Trenching Machine.
DEPTH—8, 10, 14, 20 ft.
WIDTH—16, 20, 24, 32, 45, 48, 52, 78
Will accept any work in Central States
CHAS. MALLOY & CO., Bensenville, Ill.

U. S. GOVERNMENT

U. S. ENGINEER OFFICE, Nashville, Tenn. Sealed proposals will be received here until 11 a.m., March 6, 1923, and then opened, for one electric towboat. Further information on application.

U. S. ENGINEER OFFICE, Florence, Ala.—Sealed proposals will be received here until 11 a.m., March 12, 1923, and then opened, for the construction and delivery of one steel barge 60 ft. by 22 ft. by 4 ft. Further information on application.

U. S. ENGINEER OFFICE, HUNTINGTON, W. VA.—Sealed proposals will be received here until 11 a.m., March 17, 1923, and then opened for constructing two two-story, twelve-room, lockkeepers' double houses at each of Dams Nos. 14 and 26, Ohio River. Further information on application.

U. S. ENGINEER OFFICE, WILMINGTON, DEL.—Sealed proposals will be received here until 11 A.M., Feb. 24, 1923, and then opened, for constructing and delivering one steel quarter boat and two steel barges. Further information on application.

U. S. GOVERNMENT

SEALED PROPOSALS, indorsed "Proposals for Distilling Apparatus and Heater, Guantanamo, Cuba, Specification No. 4769," will be received at the Bureau of Yards and Docks, Navy Department, Washington, D. C. until 11 o'clock a.m., Feb. 28, 1923, and then and there publicly opened, for furnishing and installing sea-water distilling apparatus having a capacity of 25,000 gallons per 24 hours when operating as a quadruple effect at the Naval Station, Guantanamo, Cuba; also the furnishing and delivery of a closed feed water heater which will be installed by the Government. The Government will furnish all labor except skilled erector who shall supervise the installation of the distilling apparatus. Drawings and Specification No. 4769 may be obtained on application to the bureau. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the drawings and specification. L. E. GREGORY, Chief of Bureau. January 30, 1923.

U. S. ENGINEER OFFICE, PROVIDENCE, R. I. Sealed proposals will be received here until 12 o'clock, noon, March 7, 1923, and then opened, for dredging in Connecticut River, Conn. Further information on application.

U. S. GOVERNMENT

UNITED STATES ENGINEER OFFICE, Room 616, Army Building, New York City—Sealed proposals will be received here until 12 o'clock Noon, March 2, 1923, and then opened, for dredging in Shrewsbury River, N. J. Further information on application.

U. S. ENGINEER OFFICE, Room 710, Army Building, 39 Whitehall Street, New York, N. Y. Sealed proposals will be received here until 12 m., March 7, 1923, and then opened, for dredging in Newtown Creek, New York, N. Y. Further information on application.

U. S. ENGINEERS OFFICE, 815 Witherspoon Bldg., Philadelphia, Pa. Bids are wanted until Mar. 21, 1923, for dredging in Delaware River, Philadelphia Harbor. Further information on application.

UNITED STATES ENGINEER OFFICE, DETROIT, MICH.—Sealed proposals will be received here until 11 a.m., eastern time, March 21, 1923, and then opened, for dredging below the Locks, St. Marys River, Mich. Further information on application.

UNITED STATES ENGINEER OFFICE, DETROIT, MICH.—Sealed proposals will be received here until 11 a.m., eastern time, March 20, 1923, and then opened, for dredging Vidal Shoals, St. Marys River, Mich. Further information on application.

EMPLOYMENT

POSITIONS VACANT

A-1 FOREMAN wanted for reinforced concrete and brick buildings; state age, salary and references. P-699, Eng. News-Record, 10th Ave. at 36th St., New York.

A WELL KNOWN manufacturer of gypsum roofs desires to make a permanent connection with a progressive sales engineer, now calling on the engineers, contractors and architects in the New England states. Give present connections, headquarters, experience, etc., when writing. P-703, Engineering News-Record, Leader-News Bldg., Cleveland, Ohio.

CITY engineer—only those with experience need apply. City has a population of 8,000. State age, experience, and salary expected. Address, H. C. Gowran, Mayor, Two Rivers, Wisconsin.

DETAILER for structural steel and ornamental iron; state age, experience and salary; permanent position for righ man; location, Connecticut. P-478, Eng. News-Record, 10th Ave. at 36th St., New York City.

DRAFTSMEN calculators wanted on special track work. With or without experience but must have thorough working knowledge of mathematics. P-658, Eng. News-Record, Real Estate Trust Bldg., Phila., Pa.

POSITIONS VACANT

DRAFTSMEN, structural detailers and checkers wanted for heavy bridge work and buildings. State qualifications and salary expected. Bethlehem Steel Company, Bridge and Fabrication Department, Steelton, Penna.

DRAFTSMEN—Mechanical, experienced in mechanical and chemical layout work, power house layout work, and machine design. Give age, experience and salary expected. Apply to the Engineering Department. E. I. Du Pont de Nemours & Company, Inc., Wilmington, Delaware.

DRAFTSMAN—experienced in structural steel reinforced concrete and general building construction; hydro-electric work; position probably temporary; give full particulars of experience, age, references, date available and salary expected in first letter. Drawer A, Potsdam, New York.

DRAFTSMEN experienced in detailing and checking structural steel for buildings, permanent position for efficient men. Give age, experience, references. We operate throughout entire United States. International Steel & Iron Co., Evansville, Indiana.

DRAFTSMEN, detailers and checkers, on shop detailing for structural steel. Morava Construction Co., 85th and Stewart Avenue, Chicago, Ill.

POSITIONS VACANT

DRAFTSMAN wanted for general ornamental iron work, preferably with some architectural experience, however experience in ornamental iron work unnecessary. Permanent position for right man. State qualifications, salary expected and when can report. Address The Ingalls Iron Works Company, Birmingham, Alabama.

DRAFTSMAN wanted; first class mechanic Structural with elevator or conveyor experience. Give full information and salary required. Location, Cleveland. P-720, Eng. News-Record, Leader-News Bldg., Cleveland, Ohio.

DRAFTSMAN and designer. Experienced on industrial plant construction. Give full information regarding experience, age, etc. Good opportunity. The Austin Company, 1026 Bulletin Building, Philadelphia, Pa.

ENGINEERING graduate to investigate, analyze and report on performance of all types of machinery, systems and business methods in use by largest concerns in country. Steady advancement. Travel half time. Salary and all expenses. State age, education, experience, religion, married or single. P-690, Eng. News-Record, Old Colony Bldg., Chicago, Ill.

DRAFTSMEN

First class men with experience on conveying machinery, structural and mechanical work. Reply must give experience fully, salary expected and when available.

Pittsburgh Plate Glass Company
Columbia Chemical Division, Barberton, O.

ORNAMENTAL DRAFTSMAN

Structural steel and ornamental iron fabricating concern in Massachusetts would like to hear from a high grade, thoroughly experienced Ornamental Iron draftsman; structural drafting knowledge desirable but not essential. Please state fully age, education, experience.

P-711, Engineering News-Record,
10th Ave. at 36th St., New York City

HIGHER ENGINEERING

(HOME STUDY)

An enthusiastic student has suggested that we set forth in our advertising the class of men who are studying the Wilson Courses, and we are complying with this request. The majority of our students are Technical Graduates with from no experience to 10 years: others have picked up what they know in a haphazard manner and lack confidence in their methods and are afraid to go ahead with important work. In this class are some City Engineers, County Engineers, and men who see a good job ahead and realize that they cannot fill it without further training. Bright High School men who have no technical training, but have years of practical experience on Construction Work; Draftsmen who are ambitious; Older men use this work for "brush-up" purposes. Our courses go right to the heart of your problems; we finish off grads. of all other schools who have weak spots in their training.

Reinforced Concrete Engineering Estimating. Structural Steel Designing & Drafting. Bridges: Steel & Concrete.

Guaranteed to give satisfaction; you cannot fail to be benefited by a Wilson course. Easy terms of payment; free literature.

WILSON ENGINEERING CORPORATION
10 Broadway, Hanover, Mass.